

CLAIMS:

1. A rangefinding instrument comprising:
 - a user input for providing data to said instrument indicative of at least one golf club type
 - 5 and at least one representative user range for said at least one golf club type;
 - a data store associated with said instrument and said user input for maintaining said at least one golf club type and said at least one representative user
 - 10 range as a first correlated data set;
 - a processor coupled to said data store for computing at least one other correlated data set indicative of another golf club type and associated representative user range based upon a relationship in
 - 15 said first correlated data set;
 - a rangefinder for determining a range to a selected point on a golf course; and
 - a display coupled to said processor and said rangefinder for indicating a suggested golf club type
 - 20 based upon at least one of said first or one other correlated data sets and said determined range to said selected point.
2. The rangefinding instrument of claim 1 wherein said display is further operative to indicate said
- 25 determined range.
3. The rangefinding instrument of claim 1 wherein said display is an in-sight display.
4. The rangefinding instrument of claim 1 further comprising:
 - 30 a tilt sensor coupled to said processor for indicating an angular inclination of said selected

point from said instrument for possible alteration of said suggested golf club type based upon said determined range and said angular inclination.

5 5. The rangefinding instrument of claim 4 wherein said display is further operative to indicate said angular inclination of said selected point.

6. The rangefinding instrument of claim 1 further comprising:

10 a wind speed and direction sensor coupled to said processor for indicating a wind direction at said instrument for possible alteration of said suggested club type based upon said determined range and said wind speed and direction.

15 7. The rangefinding instrument of claim 6 wherein said display is further operative to indicate said wind speed and direction.

20 8. The rangefinding instrument of claim 1 further comprising said user input coupled to said processor for entering a wind speed and direction at said selected point for possible alteration of said suggested club type based upon said determined range and said wind speed and direction.

25 9. The rangefinding instrument of claim 8 wherein said display is further operative to indicate said wind speed and direction.

30 10. The rangefinding instrument of claim 1 further comprising said user input coupled to said processor for entering a ground condition at said selected point for possible alteration of said suggested club type based upon said range and said ground condition.

11. The rangefinding instrument of claim 8 wherein said display is further operative to indicate said ground condition.

12. The rangefinding instrument of claim 1 wherein
5 said user input is further operative for entering at least one user identification associated with said first and said at least one other correlated data sets.

13. A rangefinding instrument comprising:
10 a processor;
a rangefinder coupled to said processor for determining a range to a selected point on a golf course green;
a tilt sensor coupled to said processor for
15 indicating an angular inclination of said selected point from said instrument; and
a display coupled to said processor for displaying an indication of a suggested aim point based upon said range and said angular inclination.

20 14. The rangefinding instrument of claim 13 wherein said display is further operative to indicate said determined range.

15. The rangefinding instrument of claim 13 wherein said display is an in-sight display.

25 16. The rangefinding instrument of claim 13 wherein said indication of said suggested aim point is a graphical indication of said aim point.

17. The rangefinding instrument of claim 13 wherein said indication of said suggested aim point is a
30 textual indication of said aim point.

18 The rangefinding instrument of claim 13 wherein
said display is further operative to indicate said
angular inclination of said selected point.

19. The rangefinding instrument of claim 13 further
5 comprising:

a wind speed and direction sensor coupled to said
processor for indicating a wind direction at said
instrument for possible alteration of said suggested
aim point based upon said determined range, said
10 angular inclination and said wind speed and direction.

20. The rangefinding instrument of claim 19 wherein
said display is further operative to indicate said
wind speed and direction.

21. The rangefinding instrument of claim 13 further
15 comprising a user input coupled to said processor for
entering a ground condition at said selected point for
possible alteration of said suggested aim point based
upon said range, said angular inclination and said
ground condition.

20 22. The rangefinding instrument of claim 21 wherein
said display is further operative to indicate said
ground condition.

23. A method associated with a golf game comprising:
entering at least one club type and associated
25 representative user range for said at least one club
type to a data store associated with a rangefinding
instrument;

determining a range to a selected point on a golf
course with said rangefinding instrument;

extrapolating a suggested club type appropriate to said determined range from said at least one club type and associated representative user range; and displaying said suggested club type to a user of said rangefinding instrument.

24. The method of claim 23 further comprising the step of:

computing at least said suggested club type and an associated representative user range for said at least one other club type for retention in said data store.

25. A golfing instrument comprising:

a user input for providing data to said instrument indicative of at least one golf club type, at least one representative user range for said at least one golf club type and a range to a selected point on a golf course;

a data store associated with said instrument and said user input for maintaining said at least one golf club type and said at least one representative user range as a first correlated data set;

a processor associated with said data store and said user input for computing at least one other correlated data set indicative of another golf club type and associated representative user range based upon a relationship in said first correlated data set; and

a display coupled to said processor for indicating a suggested golf club type based upon at least one of said first or one other correlated data sets and said input range to said selected point.